

Docket No. ISPH-0500

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for

wh	ich a patent is sought on the in	vention ent	titled			
NU	CLEASE-BASED METHOD FOR	DETECTIN	G AND QUANT	ITATING OLIGO	NUCLEOTIDE	ES
the	e specification of which					
(ch	neck one)					
	is attached hereto. was filed on November 3, 2000		as United S	tates Application	No. or PCT	International
	Application Number 09/705,58	/	***			
	and was amended on		(if ap	olicable)		
	ereby state that I have reviewe				ove identified	specification,
kno	cknowledge the duty to disclosown to me to be material to ection 1.56.					
Se any list inv	nereby claim foreign priority bection 365(b) of any foreign apy PCT International application ted below and have also identificentor's certificate or PCT Interwhich priority is claimed.	plication(s) which des ied below,) for patent or ignated at lease by checking the	inventor's certifi st one country othe ne box, any forei	icate, or Sec her than the l gn applicatior	tion 365(a) of Jnited States, n for patent or
Pri	ior Foreign Application(s)				Priority	Not Claimed
		-	· · _			
(Nı	umber) (Cou	ntry)	(Day/Month/Year F	iled)	
(Nı	umber) (Cou	ntry)	(Day/Month/Year F	iled)	_
(N	umber) (Cou	ntry)		Day/Month/Year F	iled)	U
	D 04 (0.05) (Modified)		P02/REV02	Oats at and Trade		PARTMENT OF COMME

I hereby claim the benefit under application(s) listed below:	35 U.S.C. Section 119(e)) of any United States provisional
(Application Serial No.)	(Filing Date)	
(Application Serial No.)	(Filing Date)	
(Application Serial No.)	(Filing Date)	
I hereby claim the benefit under 35 Section 365(c) of any PCT Internation insofar as the subject matter of each United States or PCT International a U.S.C. Section 112, I acknowledge Office all information known to me Section 1.56 which became available or PCT International filing date of this	onal application designating th of the claims of this app application in the manner po the duty to disclose to the late to be material to patentable between the filing date of the to between the filing date of the to between the filing date of the the state of the the state of the state of the the state of the the state of the state	the United States, listed below and, plication is not disclosed in the prior rovided by the first paragraph of 35 United States Patent and Trademark dity as defined in Title 37, C. F. R.,
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)



PATENT TRADEMARK OFFICE

Herb Boswell, Reg. No. 27,311 Laurel Spear Bernstein, Reg. No. 37,280 Robert S. Andrews, Reg. No. 44,508 April Logan, Reg. No. 33,950 Neil S. Bartfeld, Reg. No. 39,901

of the firm

Isis Pharmaceuticals, Inc. - Carlsbad Research Center 2292 Faraday Avenue Carlsbad, California

Send Correspondence to: Jane Massey Licata or Kathleen A. Tyrrell

Licata & Tyrrell P.C. 66 E. Main Street

Marlton, New Jersey 08053

Direct Telephone Calls to: (name and telephone number) Jane Massey Licata or Kathleen A. Tyrrell - (856) 810-1515

Full name of sole or first inventor Zhengrong Y. Yu	
Sole or first inventor's signature	Date スタッ
Residence Carlsbad, California	
Citizenship China	
Post Office Address 7808 Calle Lomas	
Carlsbad, California 92009	

PMS 211/01 Full name of second inventor, if any Brenda F. Baker Second inventor's signature Residence Carlsbad, California Citizenship US Post Office Address 2147 Avenida Toronja Carlsbad, California 92009

Third inventor's signature	
Third inventor's signature 2004	Date /- 30 - 200
Residence Carlsbad, California	
Citizenship	
US Post Office Address	
7831 Calle Pina Bete	
Carlsbad, California 92009	
Full name of fourth inventor, if any	
Fourth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	
Full name of 66th inventor if any	
Full name of fifth inventor, if any	
Fifth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	
	,
Full name of sixth inventor, if any	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Docket No. ISPH-0500

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original,

first and joint inventor (if powhich a patent is sought or			the subject matter wl	hich is claimed and for
NUCLEASE-BASED METHO	D FOR DETECTING	G AND QUANT	TITATING OLIGONUC	LEOTIDES
the specification of which				
(check one)				
 ☐ is attached hereto. ☒ was filed on November Application Number 09 		_ as United S	States Application No.	or PCT International
and was amended on			1	
		(if ap	plicable)	
I hereby state that I have rincluding the claims, as am				dentified specification,
I acknowledge the duty to known to me to be mater Section 1.56.				
I hereby claim foreign pri Section 365(b) of any fore any PCT International appl listed below and have also inventor's certificate or PC on which priority is claimed	ign application(s) ication which designication which designication, but app	for patent or gnated at leas by checking the	inventor's certificate st one country other the ne box, any foreign ap	or Section 365(a) of nan the United States, oplication for patent or
Prior Foreign Application(s)				Priority Not Claimed
	· · · · · · · · · · · · · · · · · · ·	· -		
(Number)	(Country)	(I 	Day/Month/Year Filed)	
(Number)	(Country)	(1	Day/Month/Year Filed)	
(Number)	(Country)	([Day/Month/Year Filed)	U
TO-SR-01 (9-95) (Modified)		DO2/DEV/02		

I hereby claim the benefit under application(s) listed below:	35 U.S.C. Section 119(e)	of any United States provisional
(Application Serial No.)	(Filing Date)	
(Application Serial No.)	(Filing Date)	
(Application Serial No.)	(Filing Date)	
I hereby claim the benefit under 35 Section 365(c) of any PCT International insofar as the subject matter of each United States or PCT International U.S.C. Section 112, I acknowledge Office all information known to me Section 1.56 which became available or PCT International filing date of this	onal application designating the characteristic of the claims of this application in the manner protection the duty to disclose to the Utobe material to patentabilities between the filing date of the	he United States, listed below and, ication is not disclosed in the prior ovided by the first paragraph of 35 nited States Patent and Trademark ty as defined in Title 37, C. F. R.,
(Application Serial No.)	(Filing Date) 1	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)



Herb Boswell, Reg. No. 27,311 Laurel Spear Bernstein, Reg. No. 37,280 Robert S. Andrews, Reg. No. 44,508 April Logan, Reg. No. 33,950 Neil S. Bartfeld, Reg. No. 39,901

of the firm

Isis Pharmaceuticals, Inc. - Carlsbad Research Center 2292 Faraday Avenue Carlsbad, California

Send Correspondence to: Jane Massey Licata or Kathleen A. Tyrrell

Licata & Tyrrell P.C. 66 E. Main Street

Marlton, New Jersey 08053

Direct Telephone Calls to: (name and telephone number) Jane Massey Licata or Kathleen A. Tyrrell - (856) 810-1515

Full name of sole or first inventor Zhengrong Y. Yu	
Sole or first inventor's signature	2/2/0/
Residence Carlsbad, California	
Citizenship China	
Post Office Address 7808 Calle Lomas	
Carlsbad, California 92009	

PMS 211/01 Full name of second inventor, if any Brenda F. Baker Second inventor's signature Residence Carlsbad, California Citizenship US Post Office Address 2147 Avenida Toronja Carlsbad, California 92009

Chird investeds signature	- Date
Third inventor's signature 204	/- 30 - 200
Residence	
Carlsbad, California	
Citizenship US	
Post Office Address	
7831 Calle Pina Bete	
Carlsbad, California 92009	
·	
Full name of fourth inventor, if any	
Fourth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	
1 2	
Full name of fifth inventor, if any	
Fifth inventor's signature	Date
Residence	
· · · · · · · · · · · · · · · · · · ·	
Citizenship	
Post Office Address	
	,
Full name of sixth inventor, if any	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	
. 55. 555 / 100/300	